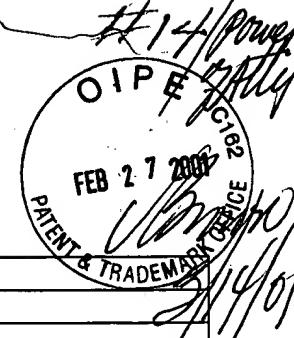


PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	SUNDARAM, RAMESH
Serial No.:	09/176,580
Filed:	October 21, 1998
Docket:	SEA2688 S01.12-0460



**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Edward P. Heller, III, Registration No. 29,075	Shawn B. Dempster, Registration No. 34,321
Raghunath S. Minisandram, Registration No. 38,683	Jonathan E. Olson, Registration No. 41,231
Leland D. Schultz, Registration No. 30,322	Cecilia A. (Peggy) Walsh, Registration No. 45,659
Derek J. Berger, Registration No. 45,401	

And members of the firm of Westman, Champlin and Kelly

Judson K. Champlin, Reg. No. 34,797; Joseph R. Kelly, Reg. No. 34,847; Nickolas E. Westman, Reg. No. 20,147; Steven M. Koehler, Reg. No. 36,188; David D. Brush, Reg. No. 34,557; John D. Veldhuis-Kroeze, Reg. No. 38,354; Deirdre Megley Kvale, Reg. No. 35,612; Theodore M. Magee, Reg. No. 39,758; Peter S. Dardi, Reg. No. 39,650; Christopher R. Christenson, Reg. No. 42,413; John A. Wiberg, Reg. No. 44,401; Brian D. Kaul, Reg. No. 41,885; and Robert M. Angus, Reg. No. 24,383

**CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION**

Westman, Champlin & Kelly  
900 Second Avenue South  
Suite 1600 – International Centre  
Minneapolis, MN 55402-3319  
(612)334-3222 (Phone)  
(612)334-3312 (Fax)

**STATEMENT UNDER 37 CFR 3.73(b)**

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent

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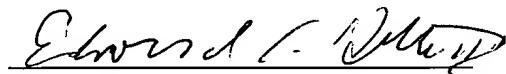
identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

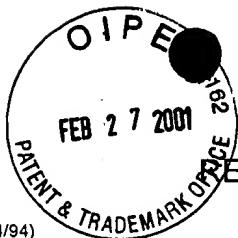
Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
(Assignee of Entire Interest)

August 31, 2000

Date

  
Edward P. Heller, III, Registration No. 29,075  
Patent Counsel  
SEAGATE TECHNOLOGY LLC  
920 Disc Drive  
Scotts Valley, CA 95066  
831-439-7297 (telephone)  
831-438-1290 (facsimile)



**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Seagate Technology, Inc.  
920 Disc Drive  
Scotts Valley, CA 95066

2. Name and address of receiving party(ies):

Seagate Technology LLC  
920 Disc Drive  
Scotts Valley, CA 95066

Additional name(s) of conveying party(ies) attached?  Yes  No

Additional name(s) & address(es) attached?  Yes  No

2. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: June 28, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/176,580

B. Patent No.(s)

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Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward P. Heller  
 Address: Seagate Technology LLC  
 Intellectual Property, SV15B1  
 920 Disc Drive  
 Scotts Valley, CA 95066

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-1038

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9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Shawn B. Dempster

Name of Person Signing

*Shawn B. Dempster*

Signature

June 28, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

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For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, effective July 1, 2000

ASSIGNOR: Seagate Technology, Inc.  
920 Disc Drive  
Scotts Valley, CA 95066  
State or Country of Formation: Delaware

Recorded at Reel 9529, Frame 121

hereby sells, assigns and transfers to

ASSIGNEE: Seagate Technology LLC  
920 Disc Drive  
Scotts Valley, CA 95066  
Nationality or State/Country of Formation: Delaware

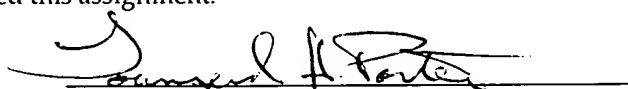
and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention and which is found in U.S. application no. 09/176,580 filed on October 21, 1998 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have executed this assignment.

June 28, 2000



Signature of Assignor

Seagate Technology, Inc.  
Townsend H. Porter  
Executive Vice President

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Sundaram et al.

Appln. No.: 09/176,580

Filed : October 21, 1998

For : GLIDE HEAD FOR ASPERITY  
DETECTION

Docket No.: S01.12-0460

OP-2859 2859



Group Art Unit: 2859

Examiner: G.  
Verbitsky

**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

23 DAY OF February, 2001  
Peter S. Dardi  
PATENT ATTORNEY

The following paper(s) and/or fee(s) are being deposited with the United States Postal Service "First Class Mail Post Office to Addressee" addressed to Assistant Commissioner for Patents, Washington, D.C. 20231:

1. Executed Power of Attorney and Certificate under 37 C.F.R. § 3.73(b)
2. Copy of executed Assignment.

Under 37 C.F.R. § 1.136(a)(3), applicant(s) hereby authorize(s) for any future reply, the incorporation of any required petition for extension of time for the appropriate length of time and authorize the charging of fees under § 1.17 to deposit account 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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By:

Peter S. Dardi

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900 Second Avenue South  
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PSD:nhw